

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L7	2	(transceiver and adapter and first and surface and second and parallel and contacts).clm.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/06/14 14:02
S1	197	"6469906" "6280202" "5997317" "5919050" "5713744" "5702255" "6344684" "6257904" "6016254" "4857001"	USPAT	OR	OFF	2006/12/21 19:43
S2	10	("4857001"   "5702255"   "5713744"   "5919050"   "5997317"   "6016254"   "6257904"   "6280202"   "6344684"   "6469906").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/16 10:56
S3	10	("6469906" "6280202" "5997317" "5919050" "5713744" "5702255" "6344684" "6257904" "6016254" "4857001").pn.	USPAT	OR	OFF	2006/12/21 19:43
S4	8	("4993803"   "5602860"   "5984731"   "6135793"   "6142802"   "6178096"   "6220873"   "6267606").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/26 11:11
S5	4	("6469906").URPN.	USPAT	OR	OFF	2006/12/26 11:14
S6	10	("4857001"   "5702255"   "5713744"   "5919050"   "5997317"   "6016254"   "6257904"   "6280202"   "6344684"   "6469906").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/26 13:02
S7	13	optical with transceiver with adaptor	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/26 13:04
S8	44	optical with transceiver and bga with board	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/26 13:26
S9	16	optical with transceiver and pin with bga	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/26 13:48
S10	0	optical with sfr and pin with bga	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/26 13:49
S11	0	optic\$ with sfr and pin with bga	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/26 13:50
S12	2	optic\$ with sff and pin with bga	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/26 14:41

## EAST Search History

S13	0	sff with bga with (pcb or board)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/26 14:42
S14	3	sff and bga with (pcb or board)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/26 14:42
S15	107	transceiver and bga with (pcb or board)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/26 14:50
S16	1	transceiver with bga with (pcb or board)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/26 14:43
S17	20	opto\$ with transceiver and bga with (pcb or board)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/26 14:55
S18	52	optic\$ with transceiver and bga with (pcb or board)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/26 14:57
S19	158	optic\$ with package and bga with (pcb or board)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/26 16:04
S20	4	"6721155"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/26 16:04
S21	1	"6551134"	USPAT; EPO; JPO	OR	OFF	2007/06/12 12:51
S22	2	"6776623"	USPAT; EPO; JPO	OR	OFF	2007/06/12 12:53
S23	8	(substrate and first and contacts and second and surface and two and sets and parallel and edges).clm.	USPAT; EPO; JPO	OR	OFF	2007/06/12 12:55
S24	13	(substrate and first and contacts and second and surface and two and sets and parallel and edges).clm.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/06/12 12:56
S25	13	(substrate and contacts and second and surface and two and sets and parallel and edges).clm.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/06/12 12:57
S26	17	(substrate and contacts and surface and two and sets and parallel and edges).clm.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/06/12 12:57
S27	12	"439"/\$ and (adapt\$r with substrate with surfaces)	USPAT; EPO; JPO	OR	OFF	2007/06/12 13:20
S28	1	(adapt\$r with substrate with surfaces and peripheral with pads)	USPAT; EPO; JPO	OR	OFF	2007/06/12 13:21

## EAST Search History

S29	763	(substrate with surfaces and peripheral with pads)	USPAT; EPO; JPO	OR	OFF	2007/06/12 13:21
S30	52	(substrate with surfaces with contacts and peripheral with pads)	USPAT; EPO; JPO	OR	OFF	2007/06/12 13:23
S31	7	(substrate with surfaces with contacts and peripheral with pads) and 439/66	USPAT; EPO; JPO	OR	OFF	2007/06/12 13:24
S32	600	(substrate with surfaces with contacts peripheral ) and 439/66	USPAT; EPO; JPO	OR	OFF	2007/06/12 13:25
S33	1	(substrate with surfaces with contacts with peripheral ) and 439/66	USPAT; EPO; JPO	OR	OFF	2007/06/12 13:26
S34	64	(substrate with surfaces with edge with contacts )	USPAT; EPO; JPO	OR	OFF	2007/06/12 13:26
S35	41	("4551629"   "4764846"   "4794092"   "4862249"   "4984358"   "5104820"   "5126286"   "5266833"   "5500540"   "5546654"   "5567657"   "5612570"   "5657206"   "5661087"   "5675180"   "5703400"   "5814894"   "5817541"   "5837566"   "5849623"   "5857858"   "5859475"   "5869353"   "5888884"   "5891761"   "5900674"   "5909052"   "5938452"   "5952712"   "5965933"   "5985695"   "5993981"   "6002163"   "6020217"   "6046410"   "6072236"   "6080596"   "6092280"   "6098278"   "6124637"   "6134118").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/12 13:41
S36	492	439/71 and ball with array	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/12 13:54
S37	4	("5808877"   "6062873"   "6083013"   "6152744").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/12 13:43
S38	24	("6062873").URPN.	USPAT	OR	OFF	2007/06/12 13:53
S39	43	439/71 and ball with array and optical	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/12 13:56
S40	4	439/71 and ball with array and optical with transceiver	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/12 13:57
S41	7	439/70-74.ccls. and ball with array and optical with transceiver	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/12 13:57